



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



Home

Meetings

Members

Officers

Newsletter

E. Iowa DX Bulletin

Buy-Sell-Trade

DXCC Card Checking

About EIDX

History

Constitution & Bylaws

DX Resources

The Eastern Iowa DX Bulletin

Number 247, November 8, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Ohio-Penn DX Bulletin (OPDX)

Edited by Tedd Mirgliotta, KB8NW. Although OPDX is no longer published as a weekly bulletin, Tedd still sends DX news emails.

We will occasionally publish some of them.

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

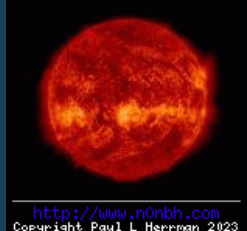
Dr. Tony Phillips' [SpaceWeather.com](http://www.SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

09 Nov 2024 1817 GMT
 SFI: 231 SN: 152
 A-Index: 11
 K-Index: 5
 X-Ray: C2.6
 304A: 154.8 @ SEM
 Ptn Flx: 577
 Elc Flx: 5950
 Aurora: 6/n=1.99
 Mag (Bz): -3.0
 Solar Wind: 420.9
 Geomag Field MIN STRM
 Sig Noise Lvl S4-S6
 Current Solar Image



<http://www.nonbh.com>
 Copyright Paul L. Herrman 2023

DX News

3B9, RODRIGUES I. Kazu, MØCFW is QRV as **3B9/MØCFW** until November 27th. Activity is on the HF bands. He will be active as **3B9KW** in the upcoming CQ WW DX SSB Contest (October 26th-27th), and the CQ WW DX CW Contest (November 23rd-24th). QSL via LoTW.
 -[ARRL DX Bulletin # 39 October 17, 2024] (1018-1129)

3D2, FIJI. Theo, PA3CBH will be active as **3D2TP** from Viti Levu (OC-016) until December 12th. He will operate QRP on SSB and QRS CW. QSL via [PA3CBH](#).

-[425DXN # 1748 November 2, 2024] (1108-1213)

3D2/R, ROTUMA I. Antoine, 3D2AG, will leave for Rotuma on October 19th for a research trip lasting **three to four weeks** (depending on the timing of the return boat in November). In his spare time, he will operate mostly CW and SSB as **3D2AG/p** on 160-6 meters, with a focus on the higher bands. He hopes to complete the setup and be **on the air by October 25th**, so that he can participate in the CQ WW DX SSB Contest (October 26th-27th). Please note that while on the island he will not have access to the Internet, and that for CW he will use a manual iambic paddle and paper logs, which will be digitized after the trip. QSL via [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1746 October 19, 2024] (1018-1115)

5H, TANZANIA. Maurizio, IK2GZU is active again as **5H3MB** from Tanzania until **November 11th**, while doing volunteer work at a local school. In his spare time, he will operate SSB, CW and digital modes on 80-10 meters. QSL via [ClubLog's OQRS](#), LoTW and eQSL, or via [IK2GZU](#).

-[425DXN # 1741 September 14, 2024] (1004-1115)

5R, MADAGASCAR. Eric, F6ICX is active again as **5R8IC** from Sainte-Marie Island (AF-090), Madagascar **until the end of the year**. He will operate mainly CW on 40-10 meters; during the last two weeks of December he will also be QRV on the QO-100 satellite. QSL via LoTW, [ClubLog's OQRS](#), or via [F6ICX](#).

-[425DXN # 1742 September 21, 2024] (0927-0103)

5X, UGANDA. Don, G3XTT as **5X1DF** (CW and some FT8) and Alan, G3XAQ as **5X1XA** (CW) will be active from Uganda on **November 13th to 27th**. Their main activity will be during the CQ WW DX CW Contest (November 23rd-24th), in which they will participate as single-band entrants. QSL 5X1DF via [G3XTT](#); QSL 5X1XA via [G3SWH's OQRS](#).

-[425DXN # 1746 October 19, 2024] (1108-1129)

7Q, MALAWI. Don, K6ZO, reports about a new radio amateur in Malawi, 17-year-old Mwabi Mughogho, whose callsign is **7Q2MM**. He is active on SSB and FT8 and is also learning CW. QSL only via OQRS.

-[DXNL # 2430 October 30, 2024] (1101-1122)

8R, GUYANA. Aldir, PY1SAD is active as **8R1TM** from Georgetown, Guyana until **November 24th**. He operates CW, SSB and digital modes on all bands and via satellite. QSL via LoTW, eQSL, QRZ Logbook, or direct to [PY1SAD](#).

-[425DXN # 1743 September 28, 2024] (1011-1129)

9M6, EAST MALAYSIA. Saty, JE1JKL is active again as **9M6NA** from Labuan Island (OC-133), East Malaysia until **November 25th**. He will participate in the CQ WW DX CW Contest (November 23rd-24th) (SOAB HP). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1745 October 12, 2024] (1018-1129)

AP, PAKISTAN. Tariq, **AP2TN** has been active on 10 meters using FT8 around 1300z. QSL to [N4BAA](#).

-[ARRL DX Bulletin # 42 November 7, 2024] (1108-1129)

CARIBBEAN TOUR. Alex, EA8DBM, tours the Caribbean and stops according to the following itinerary:

November 1-3. **PJ7/EA8DBM**,
November 4-9. **PJ5/EA8DBM**,
November 10-13. **FS/EA8DBM**,
November 14-18. **FJ/EA8DBM**,
November 19-24. **KP4/EA8DBM**

QSL direct to [EA8DBM](#), via bureau to LY5CA, or LoTW.

-[DXNL # 2430 October 30, 2024] (1101-1129)

CARIBBEAN TOUR. Rudy, DK7PE, tours the Caribbean **during November** with stops as. **VP2MCW**, **V4/DK7PE**, **ZF2PE**, **PJ4/DK7PE/p**.

-[DXNL # 2430 October 30, 2024] (1101-1129)

CE9, ANTARCTICA. David, F4FKT will be QRV as **FT4YM** from Concordia Base (AN-017) from November **until the end of January 2025**. Activity will be on 20, 17, and 15 meters. He also plans to be active from the Zuccheli and Cassey bases on 40 meters. QSL via [F5PFP](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1122)

CN, MOROCCO. Members of the Association Royale des Radio Amateurs du Maroc will be active on various bands and modes as **CN49MS** from Laayoune **until November 15th**. The special callsign commemorates the 49th anniversary of the so-called Marche Verte (Green March), a mass demonstration in support of the restoration of the Moroccan Sahara and the conclusion of Spanish colonial rule. QSL via [CN8WW](#), OQRS, LoTW, eQSL.

-[425DXN # 1747 October 26, 2024] (1101-1115)

DL, GERMANY. Germany's DX newsletter DXMB celebrates its 70th anniversary with the callsign **DM7ØDXMB** (special DOK 7ØDXMB). QSLs will be sent automatically via the bureau.

-[DXNL # 2431 November 6, 2024] (1108-1129)

DL, GERMANY. Ric, DL2VFR, takes the callsign **DM6ØIOTA** to Sylt (EU-042) from **November 9th to 17th**. QSL via bureau, [ClubLog's OQRS](#), LoTW.

-[DXNL # 2431 November 6, 2024] (1108-1122)

DL, GERMANY. Special callsign **DM7ØDXMB** will be activated by DARC Team SES to mark the 70th anniversary of DARC's DX Newsletter DXMB (DX-Mitteilungsblatt) from **November 1st to December 13**. All QSOs will be confirmed automatically via the bureau; direct cards via [DL2VFR](#).

-[425DXN # 1748 November 2, 2024] (1101-1213)

DL, GERMANY. Special callsign **DF2ØDCL** marks the 20th anniversary of the DARC Community Logbook for DARC Team SES from **October 18th to November 29th**. The DCL is a web-based application system for a wide range of DARC awards: <https://dcl.darc.de/public/>. QSL: All QSOs will be confirmed automatically via the bureau; or QSL direct via [DL2VFR](#).

-[425DXN # 1747 October 26, 2024] (1025-1129)

DU, PHILIPPINES. New vanity call **DUØA** was issued to Tim, 4F1GN (aka 4G1G, NP4TT, N4GN) on November 6th. He plans to use it "almost exclusively" from now on. "We are currently building a competitive contest station here at DUØA", he says, "where we hope to start breaking some regional records. Our first big operation will be during CQ WW DX CW Contest (**November 23rd-24th**), where we will have a strong team of operators in the multi-single category". QSL via LoTW (preferred), or direct to [KU9C](#).

-[425DXN # 1749 November 9, 2024] (1108-1129)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of November 7, 2024:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. VKØM	Macquarie Island
4. BV9P	Pratas Island	14. PYØS	Saint Peter And Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VPØS	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. ZL9	New Zealand Subantarctic Islands
8. FT5/X	Kerguelen Island	18. FK/C	Chesterfield Islands
9. YVØ	Aves Island	19. VKØH	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF November 8, 2024] (1108-1129)

E5/S, SOUTH COOKS IS. Stan, LZ1GC and Ted LZ5QZ are active as **E51SGC** from Rarotonga (OC-013), South Cook until **November 24th**. They operate CW, SSB, FT4, FT8 and RTTY on 160-6 meters with three stations and a focus on 160, 80 and 60m. More information is available on <https://www.c21gc.com/>. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or via [LZ1GC](#).

-[425DXN # 1737 August 17, 2024] (1101-1129)

E7, BOSNIA-HERZEGOVINA. Celebrating Statehood Day of Bosnia and Herzegovina (November 25th), special callsign **E7BOSNIA** will be active on various bands and modes on **November 10th-25th**.

A certificate will be available, see <https://www.qrz.com/db/E7BOSNIA> for more information. QSL via LoTW.

-[425DXN # 1749 November 9, 2024] (1108-1129)

EA8, CANARY IS. Mike, DF8AN is QRV as **EA8/DF8AN** from La Gomera (EU-004) until **November 11th**. Activity is on 80 to 6 meters using CW and various digital modes while here testing antennas. QSL to [DF8AN](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1115)

EUROPEAN DX FOUNDATION 38 YEARS. The following special event Callsigns celebrate the EUDXF anniversary during **November**: **VK38EUDXF** (VK2WN/SP7WT), **DU38EUDXF** (DV1K), **DLØEUF**, **HA38EUDXF** (HA5MA), **ON38EUDXF** (ON6CC), **PA38EUDXF** (PA1AW), **PB38EUDXF** (PB5X), **PC38EUDXF** (PC5F), **PD38EUDXF** (PD4RD), **PF38EUDXF** (PB7Z), **PG38EUDXF** (PG5M), **PH38EUDXF** (PA3GVQ), **PI38EUDXF** (PI4COM), **PE38EUDXF**.

-[DXNL # 2430 October 30, 2024] (1101-1129)

F, FRANCE. The Radio Club Vendéen (F6KUF) is active as **TM1ØVG** until **November 17th** to celebrate the tenth edition of the Vendée Globe, which Will set sail from Les Sables d'Olonne on November 10th. The Vendée Globe is the only round-the-world single-handed yacht race that is sailed non-stop and without assistance. QSL via F6KUF (bureau), [F5OEV](#) (direct), eQSL for QSOs on digital modes.

-[425DXN # 1747 October 26, 2024] (1101-1115)

FO, FRENCH POLYNESIA. Watch for **FO/N5LCP** to be active from Bora Bora (OC-067), French Polynesia from **November 11th to 16th**. He will operate SSB and FT8 mainly on 20 and 15 meters. QSL via LoTW, eQSL, or direct to [N5LCP](#).

-[425DXN # 1749 November 9, 2024] (1108-1122)

FR, REUNION I. Jean-Marc, F5SGI is active as **FR/F5SGI** from Reunion Island (AF-016) until **November 18th**. He operates CW only on 40-10 meters. All QSOs will be confirmed automatically via the bureau and LoTW.

-[425DXN # 1748 November 2, 2024] (1101-1122)

FS, SAINT MARTIN. Aleksandr, EA8DBM will be QRV as **FS/EA8DBM** from **November 10th to 13th**. Activity will be on the HF bands using CW and FT8. QSL via LoTW.

-[ARRL DX Bulletin # 42 November 7, 2024] (1108-1115)

GM, SCOTLAND. Erik, PA1ET will be active as **MM/PA1ET/p** from the Isle of Canna, the westernmost of the Small Isles archipelago, in the Scottish Inner Hebrides (EU-008), on **November 8th-11th**. He plans to operate QRP on 40 and 20 meters. QSL via [PA1ET](#).

-[425DXN # 1748 November 2, 2024] (1108-1115)

HR, HONDURAS. K1XM, K2TR, KQ1F, N2WQ and W1UE will participate in the CQ WW DX SSB Contest (October 26th-27th) as **HQ9X** from Roatan Island (NA-057), Honduras. They will be there on **October 19th-29th**, with "some operation" also from **October 29th until November 15th**. QSL via [KQ1F](#).

-[425DXN # 1746 October 19, 2024] (1018-1115)

HS, THAILAND. Special event station **HS19IARU** will be active until **November 10th** for the 19th IARU Region 3 Conference to be hosted in Bangkok by the Radio Amateur Society of Thailand (November 4th-8th, <https://www.iarur3conf2024.org>). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1745 October 12, 2024] (1011-1115)

I, ITALY. Celebrating the 100th anniversary of the start of regular radio broadcasting in Italy (October 6, 1924), ARI local branches across Italy are using special callsigns until **December 29th**. The callsigns will be in the format **II#Rxyz** (e.g. II9RCAT for ARI Catania) and **IR#Rxyz** (e.g. IR1RVDB for ARI Valbormida). In addition, special event station **I1MRTV** will be active from the RAI Radio and Television Museum in Torino. Certificates and electronic QSLs will be available for download from the HamAward platform (direct link from each special callsign's qrz.com page).

-[425DXN # 1743 September 28, 2024] (0927-1227)

JA, JAPAN. Take, JI3DST is active as **JS6RRR** from Miyako Island (AS-079) until **November 25th**, including activity during the CQ WW DX SSB and CW contests. Other call signs to be used are **JI3DST/6**, **JJ5RBH/6** and **JR8YLY/6** on CW and SSB, as well as **JI3DST/p**, **JJ5RBH/p** and **JR8YLY/p** on FT8. QSOs will be made available for ClubLog and LoTW Matching on the IOTA website.
-[425DXN # 1744 October 5, 2024] (1004-1129)

JD1/O, OGASAWARA. Once again Makoto, JI5RPT will be active as **JD1BLY** from Chichijima (AS-031), Ogasawara until **November 10th**. He will operate FT8, CW and SSB on 40-6 meters and satellites, with a focus on GreenCube and FT8 on the HF bands. QSL via LoTW, [ClubLog's OQRS](#), eQSL, or direct to [JI5RPT](#).
-[425DXN # 1747 October 26, 2024] (1101-1115)

K, UNITED STATES. Will, **WC6DX**, plans to activate San Nicolas (NA-066) from **November 8th to 12th**, depending on weather conditions, primarily on 40-6 meter SSB and perhaps CW. San Nicolas (CA-009S for the US Islands Awards Program: <https://usislands.org/>) is the most remote and rarest California island, due to its status as a US Naval facility. The only previous operation was for Armed Forces Day in May 1971. QSL instructions at [WC6DX](#) after the operation.
-[425DXN # 1748 November 2, 2024] (1108-1115)

KH2, GUAM. Robert, N2OEF is active as **KH2/N2OEF** from Guam (OC-026) until **November 13th**. The "primary focus of this trip will be activating parks for the Parks on the Air (POTA) program", he says. He will operate mainly SSB; "if conditions require", he "may switch to digital modes". Updates will be posted to <https://www.qrz.com/db/KH2/N2OEF>. QSL via LoTW (preferred), or direct to [N2OEF](#).
-[425DXN # 1748 November 2, 2024] (1101-1115)

KH9, WAKE I. Tom, NL7RR is QRV as **NL7RR/KH9** until **November 11th**. Activity is in his spare time, around 0600 to 0800z, on 20-meter SSB. QSL via LoTW.
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1115)

LU, ARGENTINA. Members of the Radio Club QRM Belgrano are QRV as **LU4AAO** until **November 10th** to commemorate Dia de la Tradicion which celebrates the birthday of Jose Hernandez. Activity is on the HF and V/UHF bands using SSB, FM, SSTV, and FT8. For more information see. http://lu4aao.org/cert_dia_tradicion_2024.htm. QSL via [LU4AAO](#).
-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1115)

ON, BELGIUM. The ONZ Oostkust Radioclub (ON6HC) will be active on all bands and modes as **OT8ØCLM** until **November 11th**. The special call sign's suffix stands for Canadian Liberation March, the annual event that celebrates the liberation of the town of Knokke on (November 1, 1944). See <https://www.onz.be/ot80clm-award-request/> for the certificate. QSL via eQSL.
-[425DXN # 1747 October 26, 2024] (1101-1115)

PA, NETHERLANDS. The YNOMY DX Group will be active as **PA44PARK** on **November 8th-10th**. Main activity is expected to take place from Duinen Goeree & Kwade Hoek (WWFF PAFF-0155) on Goeree-Overflakkee (IOTA EU-146), but they might also be QRV from Kop van Schouwen (PAFF-0113) on Schouwen-Duiveland (EU-146) or Voornes Duin (PAFF-0156, not IOTA). Information about the PA Flora & Fauna Programme Can be found on <https://www.pa-ff.nl/>. QSL via [ClubLog's OQRS](#).
-[425DXN # 1748 November 2, 2024] (1108-1115)

PA, NETHERLANDS. Members of Radio Club Limburg will be active as **PF16F** until November 30th (<https://rclb.nl/pf16f>). This special event is intended to be a "Farewell to the Fighting Falcon", as the Royal Netherlands Air Force has officially retired its F-16 jets after 45 years of service. All QSOs will be confirmed automatically via the bureau, direct cards should be sent to [PD8RW](#).
-[425DXN # 1747 October 26, 2024] (1101-1129)

PJ7, SINT MAARTEN. Ed, N2HX, plans to put Sint Maarten (NA-105) on the air from **October 20th to December 27th** as **PJ7PL**, including the CQ WW DX SSB Contest (October 26th-27th), the CQ WW DX CW Contest (November 23rd-24th) and ARRL 10-Meter Contest (December 14th-15th). QSL via [N2HX](#).
-[DXNL # 2428 October 16, 2024] (1018-1227)

PY, BRAZIL. Special callsign **ZV2RB** will be used by the Liga de Amadores Brasileiros de Radio Emissao (LABRE) to celebrate Brazilian Amateur Radio Day (November 5th). Look for activity on all bands and modes, and via satellite, on **November 3rd-10th**. A certificate will be available, see <https://www.grz.com/db/ZV2RB> for information. November 5, 1924, is when Decree no. 16657 was signed, regulating amateur radio in Brazil. QSL via LoTW.

-[425DXN # 1748 November 2, 2024] (1101-1115)

PY, BRAZIL. Special station **PR5LM** will be active on various bands and modes, and on QO-100, throughout the **month of November** in honor of the memory of Father Roberto Landell de Moura (1861-1928), a pioneer of wireless audio transmission. QSL via [SP7CVW](#) and LoTW.

-[425DXN # 1747 October 26, 2024] (1101-1129)

PZ, SURINAME. Members of the Royal Netherlands Army Signal Regiment (PI4VBD) will be active again as **PZ5JT** during the annual Jungle Warfare Training course in Suriname for **a few weeks in October-November**. The operators will be QRV in their spare time on 40, 20, 17, 15 and 10m SSB using military equipment. QSL direct to [PI4VBD](#).

-[425DXN # 1743 September 28, 2024] (1018-1122)

S9, SAO TOME & PRINCIPE. Team **S9Z** now includes 16 operators (5B4AQN, AI8RD/ HI8R, CT1BOL, CT1DSV, CT1EEB, CT1END, KØIR, K3VN, KH7U, KJ7KOJ, N2WB, N4XP, N5NHJ/I8NHJ, N6MZ, W7YED and WB4JTT). They will be active from Sao Tome (AF-023) from **November 11th to 20th** with six stations - four for general operations, one for 6 meters and RTTY and one for EME; a position for QO-100 Satellite will also be made available. Plans are for S9Z to operate CW, SSB, FT8 (Super Fox) and RTTY on 160-6 meters (see the band plan on the DXpedition's website), and to use ClubLog's Livestream. Full upload to LoTW within six months after the end of the DXpedition. See <https://s9z.org/> for more information and updates. QSL via [ClubLog's OQRS](#), or direct to [N4NHW](#).

-[425DXN # 1747 October 26, 2024] (1108-1122)

SM, SWEDEN. Members of the Gotland Radio Club, SK1BL, will be active **in November** as **SE8ØTG** to commemorate the 80th anniversary of the "Hansa" tragedy. The "Hansa" was a Swedish passenger ship, in use on the route between the mainland and Visby. She was torpedoed and sunk by a Soviet submarine during World War II (November 24, 1944); 84 people died and only two survived. QSL via the bureau.

-[425DXN # 1747 October 26, 2024] (1101)

TR, GABON. Roland, F8EN (ex CN8EM, FO8BV, 3C3CR), who is 96 years old now, is currently back on the air as **TR8CR**. QRV on CW **until the end of January**. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).

-[DXNL # 2430 October 30, 2024] (1101-1122)

V3, BELIZE. Tom, AK2G will be active as **V31TL** from Belize from **November 5th to 14th**. First (**November 5th-8th**) he will be QRV mainly from POTA sites BZ-0057 (Altun Ha Archeological Reserve) and BZ-0067 (Community Baboon Sanctuary); then (**November 10-14**) he "will be on the ocean and heading to BZ-0075 (Half Moon Caye Marine Reserve) and possibly BZ-0072 (Turneffe Atoll Marine Reserve). QSL direct to [AK2G](#).

-[425DXN # 1748 November 2, 2024] (1101-1115)

V4, ST. KITTS & NEVIS. Once again John, W5JON is active as **V47JA** from St. Kitts (NA-104) until **November 15th**. He will operate SSB and FT8 on various bands. QSL via LoTW, or direct only to [W5JON](#).

-[425DXN # 1748 November 2, 2024] (1101-1115)

V5, NAMIBIA. Members of Amateur Radio DXpeditions will be active as **V55LA** from Namibia from **October 30th to November 11th**. The team includes LA3BO, LA7THA, LA7WCA, LA8OM, LA9KKA, LB1FI, LB1QI, LB5GI, LB8DC and OE7PGI. They will operate CW, SSB and digital modes on the HF bands, with up to seven stations and a focus on the low bands. Full LoTW upload 6 months after the DXpedition. See <https://www.ardxpeditons.com/dxpeditons/v55la> for information and <https://www.facebook.com/groups/3093983840726129> for updates. QSL via [MØOXO's OQRS](#).

-[425DXN # 1745 October 12, 2024] (1025-1115)

V5, NAMIBIA. Gunter, DK2WH is QRV as **V51WH** from Omaruru **until November 12th**. Activity is on 160 to 10 meters, including 60 meters, using SSB, FT8, and possibly CW. He will be active as **V55Y** in various contests. QSL to [DK2WH](#).

-[ARRL DX Bulletin # 35 September 19, 2024] (0920-1115)

VK9C, COCOS (KEELING) IS. The OM7M and Czech Expedition Club (OK2ZA, OK6DJ, OM3PC, OM4AYL, OM4MM, OM4MW, OM5RW, and OM5ZW), together with VK5GR, will be active as **VK9CV** from the Cocos (Keeling) Islands (OC-003) **until November 15th**. They will operate SSB, CW, RTTY and FT8 on 160-6 meters, and via QO-100, from three different operating sites. See <https://vk9cv.com/> for more information; updates will be posted also to <https://www.facebook.com/groups/489325376829131>. QSOs will be uploaded to ClubLog and LoTW. QSL via [OK6DJ](#).

-[425DXN # 1741 September 14, 2024] (1101-1115)

VU, INDIA. Special event station **AT78I** is QRV **until November 13th** to celebrate 78 years of independence for India. Activity is on the HF bands using CW and SSB. QSL via [VU2JOS](#).

-[ARRL DX Bulletin # 31 August 22, 2024] (0823-1115)

XT, BURKINA FASO. In addition to 160-6m all-mode operations and 2m EME digi, **XT2MD**, the Mediterraneo DX Club's DXpedition to Burkina Faso (**October 31st - November 11th**), will also offer all-mode QSOs via satellite (QO-100). The operator will be Richard, GI4DOH, who "will be more than happy" to arrange skeds (contact him via qrz.com email address). Unfortunately, the air freight of the necessary equipment will increase the cost of the expedition, which is already over budget. Supporting XT2MD with your donations is now more important than ever: <https://www.mdxc.support/xt2md/>. QSL via information at [XT2MD](#) or via [IK2VUC](#).

-[425DXN # 1739 August 31, 2024] (1025-1115)

YB, INDONESIA. Special event station **8F01LMD** will be QRV on **November 9th and 10th** for the 1st local conference of ORARI local Lamandau. Activity will be on 40 meters using SSB and on 2 meters using FM. QSL via operators' instructions.

-[ARRL DX Bulletin # 42 November 7, 2024] (1108-1115)

Z6, REPUBLIC OF KOSOVO. Rene, DL2JRM will be QRV as **Z68XX** during the Worked All Europe DX RTTY contest (**November 9th-10th**) and as **Z66BCC** during the upcoming CQ World Wide DX CW contest (**November 23rd-24th**). QSL both calls via [DL2JRM](#).

-[ARRL DX Bulletin # 42 November 7, 2024] (1108-1129)

ZD7, SAINT HELENA. JM1GDA as **ZD7G** and JF3SFU as **ZD7SFU** are active holiday style from ZD7CTO's rental shack on Saint Helena Island (AF-022) until **November 22nd**. They will operate mainly FT8 (F/H) with some SSB and slow CW on 160-10 meters. QSL via LoTW, [ClubLog's OQRS](#), or direct: ZD7G via [JM1GDA](#) and ZD7SFU via [JF3SFU](#).

-[425DXN # 1747 October 26, 2024] (1101-1122)

ZD7, ST. HELENA. Oliver, W6NV will be QRV as **ZD7W** in the CQ WW DX SSB contest (**October 26th-27th**) and upcoming CQ WW DX CW contest (**November 23rd-24th**). QSL to [W6NV](#).

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1129)

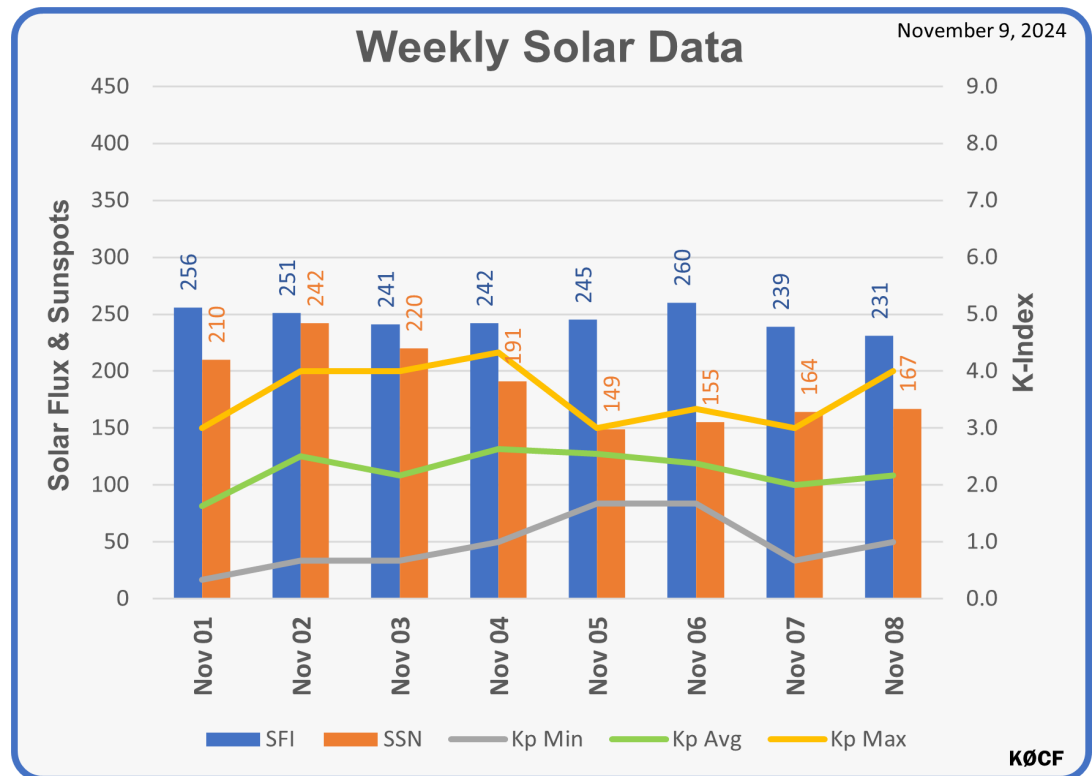
ZF, CAYMAN IS. Andriy, W9KM is active holiday style as **ZF2KM** from Grand Cayman (NA-016) until **November 12th**. He will operate CW and digital modes with a focus on 30, 17 and 12 meters. QSOs will be uploaded to LoTW and ClubLog.

-[425DXN # 1748 November 2, 2024] (1101-1115)

ZL, NEW ZEALAND. Special event station **ZM100DX** will be QRV from **September 29th to December 26th** to celebrate the very first trans-world QSO between Z4AA and G2SZ. Activity will be on 160 to 6 meters using all modes. In addition, special event station **ZL4AA** will also be active for this event. QSL via operators' instructions.

-[ARRL DX Bulletin # 36 September 26, 2024] (0927-1227)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

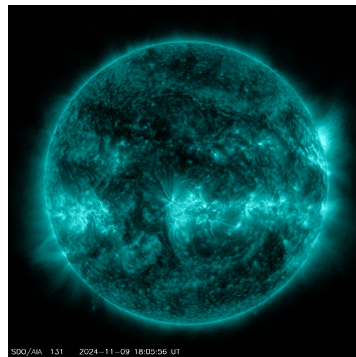
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, November 1st through yesterday, November 8th.

The average solar flux was 244, down 13 points from the previous week, with a weekly high of 260 on Wednesday, November 6th, followed by a low of 231 on November 8th.

The average sunspot count was 184, down by 28 from last week, peaking at 242 on Saturday, November 2nd followed by a weekly low of 149 on November 5th.

The Planetary K-index weekly average was 3.6 with a maximum of 4.3 on Monday, November 4th, resulting in generally quiet geomagnetic conditions. Yesterday's K-index maximum was 4.0 with generally quiet conditions.

Solar flare activity since November 2nd has been nearing historic levels with 33 major flares, the largest of which was a major X 2.3 event on Wednesday, November 6th.

Propagation Data

Major solar flares, Saturday, November 2nd through 1416 UTC, November 9th.

#	Date	UTC	Mag.
1	Nov 08	0301	M 1.5
2	Nov 07	1506	M 2.3
3	Nov 07	1202	M 1.4
4	Nov 07	0754	M 2.7
5	Nov 07	0743	M 1.6
6	Nov 07	0726	M 1.3
7	Nov 07	0420	M 2.5
8	Nov 07	0127	M 2.5
9	Nov 06	2042	M 1.3
10	Nov 06	1859	M 1.1
11	Nov 06	1718	M 1.2
12	Nov 06	1438	M 5.3
13	Nov 06	1340	X 2.3
14	Nov 06	0850	M 5.8
15	Nov 06	0804	M 2.9
16	Nov 05	1526	M 4.1
17	Nov 05	1419	M 2.9
18	Nov 05	1338	M 1.2
19	Nov 05	0654	M 2.6
20	Nov 04	1538	M 5.5
21	Nov 04	1533	M 3.7
22	Nov 04	1017	M 1.6
23	Nov 04	0840	M 1.2
24	Nov 04	0708	M 1.3
25	Nov 04	0434	M 1.4
26	Nov 04	0345	M 1.1
27	Nov 04	0140	M 3.8
28	Nov 04	0057	M 1.5
29	Nov 03	1753	M 1.3
30	Nov 03	1524	M 1.4

31	Nov 03	0849	M 1.1
32	Nov 03	0311	M 1.1
33	Nov 02	0831	M 1.2

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Nov 9	85%	35%	230
Nov 10	85%	35%	230
Nov 11	85%	35%	225

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on November 4, 2024).

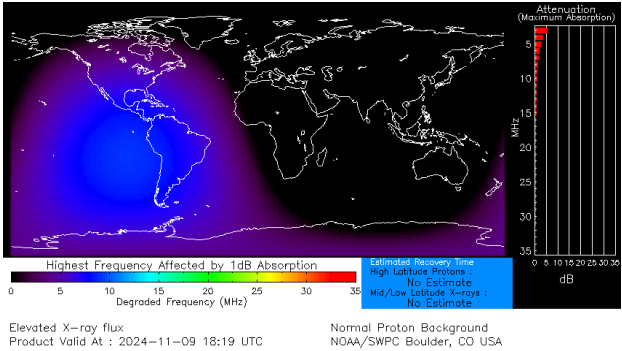
Date	Flux	Kp
Nov 9	225	2
Nov 10	225	2
Nov 11	175	4
Nov 12	170	4

Date	Flux	Kp
Nov 13	175	3
Nov 14	165	2
Nov 15	165	4
Nov 16	165	3

Date	Flux	Kp
Nov 17	165	2
Nov 18	178	3
Nov 19	185	2
Nov 20	200	4

Global D Region Absorption

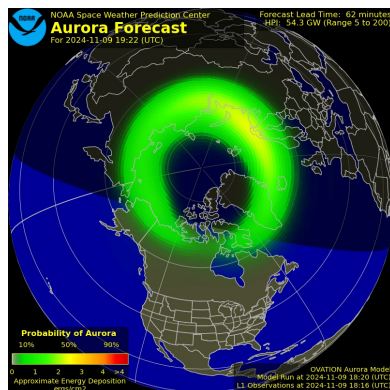
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of

aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

Chance of Flares Today

NOAA forecasters say there is an 85% chance of [M-class](#) solar flares and a 35% chance of [X-flares](#) on Nov. 9th. The most likely source is new sunspot AR3889, which has an unstable 'beta-gamma-delta' magnetic field. Any flares will be geoeffective as the sunspot is turning to face Earth.

(Copyright © [SpaceWeather.com](#) November 9, 2024. Republished by permission.)

Afterglow of a CME

A CME hit Earth on Nov. 7th. The impact was weak and did not immediately cause a geomagnetic storm. The afterglow, however, was heavenly:



Thomas Spence of Tofte, Minnesota, took this picture on Nov. 8th. "[The data](#) looked promising, so I went out and got a nice little burst of aurora activity along the Temperance River in northeast Minnesota," he says. "It was a beautiful, cool and clear night with moonlight illuminating the scene."

The auroras Spence photographed appeared more than 24 hours after the CME arrived. This is surprisingly common. CMEs often fail to cause geomagnetic activity when they first arrive. Instead, the action is delayed until Earth enters the CME's tail. South-pointing magnetic fields [in the tail](#) can cancel Earth's north-pointing planetary magnetic field; we call this "a crack in Earth's magnetosphere." Solar wind flows through the gap to fuel the afterglow. So, the next time a CME strikes, be patient. The auroras could take a while.

(Copyright © [SpaceWeather.com](#) November 9, 2024. Republished by permission.)

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!
-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
WAE DX Contest, RTTY	Nov 9	0000Z	Nov 10	2359Z	Rules
10-10 Int. Fall Contest, Digital	Nov 9	0001Z	Nov 10	2359Z	Rules
JIDX Phone Contest	Nov 9	0700Z	Nov 10	1300Z	Rules
OK/OM DX Contest, CW	Nov 9	1200Z	Nov 10	1200Z	Rules
North American SSB Sprint Contest	Nov 10	0000Z	Nov 10	0400Z	Rules
LZ DX Contest	Nov 16	1200Z	Nov 17	1200Z	Rules

ARRL Sweepstakes Contest, SSB	Nov 16	2100Z	Nov 18	0300Z	Rules
CQ Worldwide DX Contest, CW	Nov 23	0000Z	Nov 24	2400Z	Rules
ARRL 160-Meter Contest	Dec 6	2200Z	Dec 8	1600Z	Rules
ARRL 10-Meter Contest	Dec 14	0000Z	Dec 15	2359Z	Rules
OK DX RTTY Contest	Dec 21	0000Z	Dec 21	2400Z	Rules
Croatian DX Contest	Dec 21	1400Z	Dec 22	1400Z	Rules
ARRL Rookie Roundup, CW	Dec 22	1800Z	Dec 22	2359Z	Rules
RAC Winter Contest	Dec 28	0000Z	Dec 28	2359Z	Rules
Stew Perry Topband Challenge	Dec 28	1500Z	Dec 29	1500Z	Rules
ARRL RTTY Roundup	Jan 4	1800Z	Jan 5	2400Z	Rules
ARRL Kids Day	Jan 4	1800Z	Jan 4	2359Z	Rules
YB DX Contest	Jan 11	0000Z	Jan 11	2359Z	Rules
North American QSO Party, CW	Jan 11	1800Z	Jan 12	0600Z	Rules
Hungarian DX Contest	Jan 18	1200Z	Jan 19	1200Z	Rules
North American QSO Party, SSB	Jan 18	1800Z	Jan 19	0600Z	Rules
ARRL January VHF Contest	Jan 18	1900Z	Jan 20	0359Z	Rules
CQ 160-Meter Contest, CW	Jan 24	2200Z	Jan 26	2159Z	Rules
BARTG RTTY Sprint	Jan 25	1200Z	Jan 26	1200Z	Rules
Winter Field Day	Jan 25	1700Z	Jan 26	1700Z	Rules
Vermont QSO Party	Feb 1	0000Z	Feb 2	2400Z	Rules
10-10 Int. Winter Contest, SSB	Feb 1	0001Z	Feb 2	2359Z	Rules
Mexico RTTY International Contest	Feb 1	1200Z	Feb 2	2359Z	Rules
Minnesota QSO Party	Feb 1	1400Z	Feb 1	2400Z	Rules
British Columbia QSO Party	Feb 1	1600Z	Feb 2	2400Z	Rules
North American Sprint, CW	Feb 2	0000Z	Feb 2	0359Z	Rules
CQ WW RTTY WPX Contest	Feb 8	0000Z	Feb 9	2400Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]